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Acting Secretary

# California Regional Water Quality Control Board Central Valley Region

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16 May 2006

Richard Rorden  
Cantiga Wineworks, LLC  
5980 Meyers Lane  
Somerset, CA 95684

### ***NOTICE OF APPLICABILITY OF RESOLUTION NO. R5-2003-0106, CANTIGA WINEWORKS, EL DORADO COUNTY***

Regional Board staff have reviewed your 24 March 2006 Report of Waste Discharge (RWD) for coverage under Regional Board Resolution No. R5-2003-0106, *Waiver of Waste Discharge Requirements for Small Food Processors, Including Wineries, Within the Central Valley Region*. The RWD included a Notice of Non-Applicability for compliance with the stormwater General Permit and an \$872 filing fee. Our review finds the RWD to be complete.

Resolution No. R5-2003-0106 (a copy of which is enclosed) is a conditional waiver of waste discharge requirements for small food processors, including wineries. Based on the information you have submitted, the discharge as described in the RWD satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the current amount of grapes crushed and wastewater produced.

#### Discharge Description

Cantiga Wineworks, LLC (Discharger) owns and operates Cantiga Wineworks at 5980 Meyers Lane in Somerset, El Dorado County. The site includes an operating winery and a 5.25-acre vineyard. The Discharger crushes approximately 20 to 35 tons of grapes annually. The winery produces between 1,200 and 2,400 cases (approximately 2,800 to 5,700 gallons) of wine per year. The Discharger has estimated that it generates approximately one gallon of wastewater per gallon of wine produced, thereby generating a maximum of 5,700 gallons of wastewater annually.

All activities producing wastewater will be conducted under the cover of a permanent roof structure and/or inside a covered building. Process wastewater generated in the winery flows into a series of floor drains and strip drains and then flows via gravity to a 1,500 gallon underground storage tank. The Discharger will visually inspect the storage tank on a daily basis to determine when the tank needs to be emptied. Wastewater from the underground storage tank is transferred via a sump pump to a media filter to remove fine solids, and then into the vineyard irrigation distribution lines. Wastewater will be used to irrigate the 5.25 acre vineyard.

The Discharger has estimated the maximum volume and strength of wastewater that will be produced and has calculated the expected maximum hydraulic and agronomic loading rates for

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the proposed disposal area. Based on these calculations, the proposed disposal area (5.25 acres of vineyards) should have adequate hydraulic and nutrient total process wastewater and solid waste from this facility and remain protective of groundwater and surface water quality. The estimated volume of wastewater used to calculate the maximum loading rates was 5,700 gallons per year. The Discharger has identified several Best Management Practices that will be followed in order to minimize wastewater strength and potential odor problems, and to prevent hydraulic or nutrient overloading.

Solid waste produced by the facility consists of grape stems and pomace (skins, seeds, and grape solids). Stems are temporarily stored on site after each batch of processing and then hauled and spread throughout the vineyard. Pomace is either placed in watertight bins or in the application trailer and at the end of each day, transported to the vineyard and distributed evenly throughout the vineyard. Any solids containing free liquids are sent to the wastewater storage tank for application with the liquid wastewater.

Conditional Waiver

Based on the information submitted in the RWD, the discharge as described above satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the method of wastewater disposal. Therefore, this letter serves as formal notice that Resolution No. R5-2003-0106 is applicable and waste discharge requirements for this facility are waived.

Enclosed is a copy of Resolution No. R5-2003-0106 and the associated monitoring and reporting program. As described therein, an annual monitoring report that contains the information described in Items No. 2 and 5 of the monitoring and reporting program must be submitted by **1 February** of each year.

If the discharge violates the terms or conditions of the waiver, the Regional Board may take enforcement action, including assessment of administrative civil liability. If the method of winery wastewater and solids disposal change from those described in the RWD, you must submit a new RWD. Please note that the waiver will expire on 11 July 2008, at which time you must submit a new RWD with filing fee to renew the waiver, or cease the discharge.

If you have any questions, please contact Scott Kranhold at (916) 464-4689.

-Original Signed by-

PAMELA C. CREEDON  
Executive Officer

Enclosure: General Order No. R5-2003-0106

cc w/o enc: Gerri Silva, El Dorado County Environmental Health Department, Placerville  
Dan Hinrichs, DJH Engineering, Placerville